

CITY OF HOUSTON

Interoffice

Public Works and Engineering Department

Correspondence

To:

Sudarshan Gouni, P.E.

From:

Supervising Engineer

Supervising Engineer **Engineering Branch**

Geo-Environmental Services Branch Engineering and Construction Division

Engineering and Construction

Division

Date:

October 3, 2014

HOODS

Subject:

BRIDGE ACROSS HALLS BAYOU ON GREEN

WBS NO. N-000686-0002-3

Attached are two copies of the asbestos survey reports for the subject property, prepared by Environmental Consultants & Management Services, Inc. (ECMS), the City's consultant for the subject project. The consultant's findings and recommendations are summarized below:

ASBESTOS

Findings:

A total of ten (10) bulk material samples (3 piping insulations, 3 cement grout coatings, and 4 expansion joints) were taken with suspect Asbestos Containing Materials (ACM). The sample was collected from area within the subject property and analyzed for asbestos content by using Polarized Light Microscopy Method (PLM).

Analytical results indicated that asbestos content was detected above the regulatory level of one percent (>1%) from one (1) sample collected from the expansion joint.

Recommendations:

Option 1: Total Abatement:

Abate approximately 60 sq. ft of ACM mastic expansion joint from the base of the bridge by standard wet methods and proper disposal of materials.

Option 2: Non – Abatement Criteria:

Remove the ACM mastic expansion joint intact with the cement without causing to crumble or pulverize the material. Dispose the asbestos-cement as construction debris.

The general contractor should coordinate with an abatement contractor to schedule abatement activities.

If you have any questions, please call me at 832-395-2260 or T.C. Nguyen at 832-395-2258.

 $H: \constr\A-ENV-SB\Environmental\Abestos_\&_Lead\A\&L\ Assessments\2014\(N-000686-0002-3)_(Bridge_Across_Halls_Bayou_at_Green_Rd). docorder and the second of the second$

Attachment: Two (2) Asbestos Survey Reports

ec:

Daniel R. Menendez, P.E.

John Kuo, P.E.

Ravi Kaleyatodi, P.E., CPM

HPMike Pezeshki, P.E.

ASBESTOS SURVEY REPORT

City of Houston Bridge across Hoods Bayou on Greens Road GREENS ROAD ALDINE WESTFIELD to JOHN F. KENNEDY HOUSTON, TX

WBS No: N-000686-0002-3 Task Number 14-05 ECMS Project Number: 3800

Prepared for:

City of Houston 611 Walker -14th Floor Houston, Texas 77002



Engineering Management, Construction Support & Environmental Services

August 18, 2014

Geo-Environmental Services Branch 611 Walker Street, 14th Floor Houston, Texas 77002

Re:Comprehensive Asbestos Survey

Bridge across Hoods Bayou on Greens Road GREENS ROAD ALDINE WESTFIELD to JOHN F. KENNEDY Houston TX

WBS No: N-000686-0002-3

Task Number: 14-05

ECMS Project Number: 3800

Environmental Consulting & Management Services, Inc. (ECMS) is pleased to present the results of the asbestos and lead-based paint survey conducted at the above referenced facility.

This report includes the results of our findings from visual reconnaissance, sampling and laboratory analysis. An assessment of the information was made to arrive at the conclusions stated and the recommendations presented.

We appreciate the opportunity to be of service to you and look forward to working on future assignments. Should you have any questions concerning this report or if we can assist you with any other matter, please feel free to contact us. ECMS personnel are available for your assistance around the clock.

Sincerely,

Environmental Consulting & Management Services, Inc. (ECMS)

Tyrone P. Dorian, P.E, P.G.

Individual Asbestos Consultant #10-5313

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Qualifications and Limitations

Our professional services have been performed, our findings obtained and our recommendations prepared in accordance with customary principles and practices in the fields of environmental science and engineering. This warranty is in lieu of all other warranties either expressed or implied. This company is not responsible for the independent conclusions, opinions or recommendations made by others based on the field exploration and laboratory test data presented in this report.

The conclusions and recommendations describe only the conditions present at the time of our assessment, in areas that were observed. Opinions and recommendations presented herein apply to facility conditions existing at the time of our investigation and those reasonably foreseeable.

This report is prepared for the sole and exclusive use of the City of Houston, its contractors or agents. It is designed to aid the building owner, architect, construction manager, general contractor, and potential abatement contractor in locating Asbestos-Containing Materials (ACM).

Reasonable efforts were made to obtain representative samples of building materials and have those materials analyzed for asbestos content. Should suspect materials be discovered during building renovation/demolition that have not been addressed, samples of the materials should be collected and analyzed for asbestos content prior to renovation and/or demolition.

Notification to the Texas Department of State Health Services (DSHS) must be given prior to any renovations or demolition activities.

Executive Summary

Environmental Consultants & Management Services, Inc. (ECMS) conducted asbestos surveys on August 8, 2014, at **Bridge across Hoods Bayou on Greens Road** in Houston, TX. The bridge is an isolated concrete structure and approximately 20'-30' above the bayou. The structure contains heavy gauge concrete and support columns for access over the bayou. Underlying concrete deterioration was noted during the site visit. The short overpass has no access shoulders with short railings on both sides of the bridge.

Ten (10) bulk material samples were taken of suspect asbestos-containing materials. Collected samples are as follows: three piping insulation samples were fiber material brown/black/grey color in fair condition. Three cement grout coating on the underlying area of the bridge was of a resin spray on material, light grey color in fair condition, and four expansion joint samples; dark brown/black color in fair condition.

Site inspections and bulk sample collections were conducted using standard protocols specified by the Texas Asbestos Health Protection Act (TAHPA). All accessible area of the bridge was sampled; any inaccessible materials are assumed to be asbestos containing materials until tested.

J3 Laboratory Inc. is a State of Texas Licensed Asbestos Laboratory (PCM, PLM, TEM) and NVLAP and ELLAP Accredited and performed all asbestos analyses.

Asbestos Summary

Findings:

Expansion joints located at grade level of the bridge based approximately 30' of length on each end of the bridge were sampled. A total of four (4) samples were collected from the **expansion joint material** – one of the 4 samples **revealed positive acm @ 7% Chrysotile asbestos**; dark brown/black color and in fair condition. This material is homogeneous and based on the construction date of the bridge it should be deemed as a homogeneous material that contains asbestos.

Recommendations:

The asbestos —containing mastic material expansion joints are a NESHAPS Category II Non-Friable Asbestos Containing Material (ACM). If demolition activities will crumble, pulverize or make it friable, the material becomes a Regulated Asbestos —containing Material (RACM) and is covered by the Asbestos NESHAPS. The material should not be disturbed during any demolition.

The quantity of the material to be removed to allow for demolition activities is approximately 60 sq. ft. The material is in fair condition, with only minor damage to edges that are exposed. The damaged areas should be encapsulated to avoid additional damage prior to demolition.

Option 1: Total Abatement

Abatement approximately 60 sq. ft. of asbestos containing mastic material at bridge base by standard wet methods and proper disposal of materials. Estimated Cost: \$3,000.00

Option 2: Non – Abatement Criteria

If contractors carefully remove asbestos-cement materials using tools that do not cause significant damage as defined by NESHAP, the materials are not considered RACM and can be disposed of with other construction debris. Asbestos associated with cement products are subject to the asbestos NESHAP guidelines and should be determined by the owner or operator on a case-by case basis based on the demolition techniques to be used.

In general, since cleanup activities such as loading waste debris onto trucks for disposal do not subject non-friable materials to sanding, grinding, cutting or abrading; such materials are not considered asbestos—containing waste materials and are not regulated by the asbestos NESHAP guidelines.

The general contractor should coordinate with the abatement contractor to schedule abatement activities.

COMPREHENSIVE ASBESTOS SURVEY

Environmental Consulting Services, Inc. (ECMS) has completed a comprehensive asbestos survey at the **Bridge across Hoods Bayou on Greens Road** located in Houston, Texas, and is referred to as the "bridge".

Scope of Services

This survey was performed to determine the presence, location, and condition of Asbestos-Containing Materials (ACM) at the referenced bridge. Inspections and bulk sample collections were conducted using standard protocols for sampling and analysis specified by the Texas Asbestos Health Protection Act (TAHPA). All accessible areas of the facility were inspected and suspect materials sampled. Inaccessible materials are assumed to be asbestos-containing materials until available for testing (underground piping, etc.). No site records were available for use during the inspection.

Tyrone P. Dorian, an EPA-accredited/TDH-Licensed Asbestos Inspector with ECMS performed the site inspection on August 8, 2014. The samples were collected in a manner that reduced potential for fiber and dust release and exposure using standard methods. All samples were deposited into secure containers and labeled for transport to the J3 Laboratory in Houston, Texas. J3 Laboratory is a State Licensed Asbestos Laboratory (PCM, PLM) and NVLAP Accredited.

Only materials accessible at the time of the survey were inspected. Underground components and equipment were not accessible.

The inspection consisted of the following:

- Sampling of suspect Asbestos-Containing Materials (ACMs).
- Quantifying and qualifying ACM.
- Preparing an inspection report.

Facility Description

The Bridge across Hoods Bayou on Greens Road is located in Houston, TX. The bridge is an isolated concrete structure and approximately 20'-30' above the bayou. The structure contains heavy gauge concrete and support columns for access over the bayou. Underlying concrete deterioration was noted during the site visit. The short overpass has no access shoulders with short railings on both sides of the bridge.

Sampling Techniques and Laboratory Methods

This section details the sampling and laboratory methods used in the comprehensive asbestos survey to quantify and assess the condition of the confirmed ACM.

Survey Methods

This section addresses the criteria necessary for identifying, evaluating and assessing suspect Asbestos- Containing Materials (ACMs).

- a. Homogeneous Areas: Prior to collecting bulk samples of suspect ACM, distinct homogeneous sampling areas and specific sampling sites were defined based on building construction dates. A homogeneous sample area can be defined as a material that is similar in appearance, color, and generally having the same episode of installation as surrounding "like" material. Attempts were made in all cases to obtain representative samples of like materials, as this is the most cost-effective method for determination of ACM. It should be assumed by the building owner, contractor, and the abatement contractors that the composition of like materials in a single homogeneous area is the same. Homogeneous areas sampled as part of this survey include materials which have been identified by ECMS as ACM and have been classified as friable (material containing more than one-percent asbestos that, when dry, can be crumbled, pulverized or reduced to powder by hand pressure) or non-friable (material containing more than one-percent asbestos that, when dry, cannot be crumbled, pulverized or reduced to powder by hand pressure). Friable materials are more likely to become airborne, thereby increasing the potential for health hazards.
- b. Hazard Assessment: According to AHERA (December 30, 1986), verified friable or assumed ACM uncovered in an inspection or re-inspection of a facility shall be accessed in view of past, present, or future likelihood of disturbance and may include the following:
 - 1. Location of material present.
 - 2. Condition of material: type of damage, severity of damage, and the extent or spread of damage.
 - 3. Accessibility of the materials.
 - 4. Potential for disturbance of the material.
 - 5. Known or suspected causes of damage (i.e., air erosion, vandalism, service or repair, vibration, and water).
 - 6. Preventive measures which might eliminate the likelihood of undamaged ACM from becoming significantly damaged.
 - 7. Actions to be taken to protect human health.

The above hazard assessment factors will be discussed according to classifications of verified ACM. The ACM is usually examined and prioritized according to hazard categories based on condition, location, potential for damage and potential for fiber release. The asbestos hazard categories as defined by the City of Houston are presented in Table Las follows:

Table 1: HAZARD CAT	TEGORY AND RESPONSE ACTION		
Hazard Category	Response Action		
C-1: Asbestos Present	Serious health hazard, as defined by EPA, abatement should be a top priority		
C-2: Asbestos Present	Health hazard, as defined by EPA, abatement should be planned		
C-3: Asbestos Present	No action necessary unless renovation, remodeling, or demolition is planned		
B-1: Asbestos Present	Contains I% asbestos, or less, not regulated by TDH		
B-2: Asbestos Present	Adequately enclosed		
B-3: Asbestos Present	Adequately encapsulated		
A: No asbestos found	N/A		
A-1: Asbestos Abated	Once identified asbestos containing materials have been abated		

c. Field Methods: All accessible areas of the site were inspected for the presence of suspect ACM. Based on visual surveillance, suspect materials were present at the site at the time of our site visit.

Laboratory Methods

Three (3) homogenous areas of suspect asbestos containing materials were identified at the time of our observation. The materials sampled were analyzed using the Polarized Light Microscopy (PLM) methods with dispersion-staining techniques according to US EPA Method 600/R93/116. This type of analysis requires the microscopist to take a portion of the bulk sample and treat it with a special light-refractive oil emulsion stain. The prepared slide is then subjected to a variety of tests while being viewed under varying polarization of light.

Each type of asbestos displays unique characteristics when subjected to these tests. Percentages of the identified types of asbestos are determined by visual estimation. Even though this is estimation, any material that contains over one percent (> 1%) of any type of asbestos using the PLM Method is considered an ACM and must be handled according to OSHA, EPA, and State regulations if disturbed.

J3 Labs participates in the EPA Quality Assurance Program for Polarized Light Microscopy and are accredited by the EPA/NIST. This program helps ensure accurate repeatable results on the part of the analyst.

Asbestos-Containing Material (ACM) Verification and Assessment

Expansion joints located at grade level of the bridge base underlay approximately 30' of length on each end of the bridge. Four (4) samples were taken from the expansion joint material – **one expansion joint sample revealed positive acm**; dark brown/black color and in fair condition. This material was identified at the time of our site visit and sampling activities (**City of Houston Hazard Category C3**)

Hazard Assessment Results

The exact hazard ratings as defined by the City of Houston Hazard Category and Response Action (Table 1) are referenced in Table 2.

TABLE 2: SUSPECT ACM ANALYTICAL RESULTS						
Homogenous Area No.	Material	Location	Type*	Damaged*	Hazard Risk*	Asbestos Content (ND= None Detected)
1	Expansion Joints	At base of bridge and grade level	Non-friable	Fair condition	C3	7%
2	Piping Insulation	Exterior side of bridge	friable	Fair condition	А	0%
3	Cement grout coating	Underlying base area of bridge	Non-friable	Fair condition	А	0%

Findings and Recommendations

Findings

ECMS has completed an asbestos survey at **The Bridge across Hoods Bayou on Greens Road** located in Houston, Texas. The scope of services was to inspect the facility for the presence of asbestos-containing materials. Only materials accessible at the time of the survey were inspected. Underground components and equipment were not accessible.

Ten (10) bulk material samples were taken of suspect asbestos containing materials. A total of four (4) samples were collected from the **expansion joint material** – One (1) of the 4 samples **revealed positive acm @ 7% Chrysotile asbestos;** dark brown/black color and in fair condition.

- a. **Expansion joints** located at grade level of the bridge base underlay approximately 30' of length on each end of the bridge four (4) samples was taken at the time of our site visit. **Asbestos present and action required.** (City of Houston Category C3.)
- b. Cement grout coating on the underlying area of the bridge was of a resin spray on material, light grey color in fair condition. **No asbestos present and no action required.** (City of Houston Category A.)
- c. Pipe coating underlay film associated with pipes running on the exterior side of the bridge appeared to be in fair condition at the time of our site visit. **No asbestos present and no action required.** (City of Houston Category A.)

Recommendations

The asbestos —containing mastic material expansion joints are a NESHAPS Category II Non-Friable Asbestos Containing Material (ACM). If demolition activities will crumble, pulverize or make it friable, the material becomes a Regulated Asbestos —containing Material (RACM) and is covered by the Asbestos NESHAPS. The material should not be disturbed during any demolition.

The quantity of the material to be removed to allow for demolition activities is approximately 60 sq. ft. The material is in fair condition, with only minor damage to edges that are exposed. The damaged areas should be encapsulated to avoid additional damage prior to demolition.

Option 1: Total Abatement

Abatement approximately 60 sq. ft. of asbestos containing mastic material at bridge base by

standard wet methods and proper disposal of materials. Estimated Cost: \$3,000.00

Option 2: Non – Abatement Criteria

If contractors carefully remove asbestos-cement materials using tools that do not cause significant damage as defined by NESHAP, the materials are not considered RACM and can be disposed of with other construction debris. Asbestos associated with cement products are subject to the asbestos NESHAP guidelines and should be determined by the owner or operator on a case-by case basis based on the demolition techniques to be used.

In general, since cleanup activities such as loading waste debris onto trucks for disposal do not subject non-friable materials to sanding, grinding, cutting or abrading; such materials are not considered asbestos—containing waste materials and are not regulated by the asbestos NESHAP guidelines.

The general contractor should coordinate with the abatement contractor to schedule abatement activities.

CHECK LIST FOR ASBESTOS SURVEYS

NAME OF THE FACILITY: The Bridge across Hoods Bayou on Greens Road

FACILITY ADDRESS: Greens Road Aldine Westfield to John F. Kennedy, Houston, Texas

DATE OF THE SURVEY: 08/8/2014

CONSULTANT: ECMS, Inc.

INSPECTOR (S) NAME: Tyrone P. Dorian

Note: Items/information listed below must be included in the report. Use this checklist to ensure completeness of your report. Mark "X" or "check" in front of the information included in the report. Submit completed check list with the report. If a facility is surveyed for asbestos and lead, the survey reports shall be segregated in one binder or preferably two separate reports.

- 1. ✓ Date and Contract number of the survey
- 2. ✓ Scope of work
- 3. ✓ Copy of the inspectors TDH license
- 4. ✓ Name and address of the facility
- 5. N/A Statement of site records were used in the inspection and if not, why?
- 6. N/A Date of construction and last renovation (if any) of the building.
- 7. Cover letter (in report) certain executive summary or executive summary begin the report format
- 8. ✓ List of areas that were not inspected. Explain.
- 9. ✓ Procedures and protocols used to collect bulk samples.
- 10. N/A List of measures taken to prevent potential fiber release form locations where samples were extracted
- Drawings and/or photographs with sample locations marked to facilitate future location of materials sampled.
- 12. ✓ Statement…if an accredited (NVLAP) laboratory was used for Sample Analysis.
- 13. ✓ Copy of the laboratory accreditation certificate.
- 14. ✓ Copy of the laboratory analysis results of the bulk samples.
- 15. Statement (by the laboratory) regarding Quality Assurance and Quality Control performed.
- 16. \checkmark Copy of the chain of custody form for the bulk samples.
- 17. ✓ List of materials assumed to be containing asbestos.
- 18. City of Houston Asbestos Hazard Categorization (AHC) list and categorization of all the samples according to the AHC list included in the report.
- 19. N/A Condition of the structure such as deterioration, structural problems, or other damages.

If Asbestos Present:

- 20. N/A Statement...if repeat analysis using point counting PLM was done as required by the city for the samples that show less than 5% asbestos.
- 21. Y Photographs of all Materials proven to be ACM are included.
- 22. ✓ Asbestos containing materials are classified as Friable or Non-Friable.
- 23.

 Recommendations are made for all Asbestos Containing Materials.
- 24. Reasonably accurate quantities of ACM's are estimated and given in the report.
- 25. ✓ Cost estimations are given for abatement.
- 26. N/A Operation and Maintenance Plans are recommended.

APPENDIX A SITE LOCATION PHOTO





Bridge at Greens Road Aldine Westfield to John F. Kennedy

APPENDIX B SITE PHOTOGRAPHS





Samples A1 – A3 pipe coating insulation all negative ACM



Expansion Joints



Samples A4 - A7 expansion joint material underneath base of bridge - positive ACM





Samples A8 – A10 cementitious coating underneath bridge - negative ACM $\,$

APPENDIX C ASBESTOS ANALYTICAL RESULTS

J3 Resources, Inc.

6110 W. 34th Street, Houston, Texas 77092 Phone: (713) 290-0221 - Fax: (713) 290-0248 J3Resources.com



Bulk Asbestos Fiber Analysis by Polarized Light Microscopy (PLM) EPA 600/M4-82-020; 600/R-93/116

Tyrone Dorian ECMS, Inc. 4911 Lyons Avenue Houston TX 77020

J3 Order #:

JH1459492

Project #: 3800 07-Aug-2014 Date Received:

12-Aug-2014 Date Analyzed: Date Reported: 12-Aug-2014

Bridge Project

Sample ID #	Sample Description	Asbestos Constituents	Non-Asbestos Constituents	
A1	Mastic Wrap, Brown	None Detected	Synthetic Fiber	20%
			Other Non-Fibrous Material	80%
A2	Mastic Wrap, Gray, Homogeneous	None Detected	Synthetic Fiber	20%
, 12			Other Non-Fibrous Material	80%
A3	Mastic Wrap, Brown, Homogeneous	None Detected	Synthetic Fiber	20%
, 10			Other Non-Fibrous Material	80%
A4	Fiberboard, Brown, Homogeneous	None Detected	Cellulose Fiber	25%
7.4	,,, 3		Other Non-Fibrous Material	75%
A5	Fiberboard, Brown, Homogeneous	None Detected	Cellulose Fiber	25%
			Other Non-Fibrous Material	75%
A6	Fiberboard, Brown, Homogeneous	None Detected	Cellulose Fiber	25%
			Other Non-Fibrous Material	75%
A7	Mastic, Black, Homogeneous	Chrysotile 7%	Other Non-Fibrous Material	93%
A8	Plaster, Tan, Homogeneous	None Detected	Other Non-Fibrous Material	100%
A9	Plaster, Gray, Homogeneous	None Detected	Other Non-Fibrous Material	100%
A10	Plaster, Gray, Homogeneous	None Detected	Other Non-Fibrous Material	100%

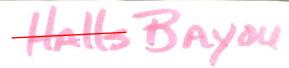
Analyst Duane Salinas

Lee W. Poye Lab Director

This report relates only to the materials tested. This report is for the exclusive use of the addressed client and shall not be reproduced except in full, without written approval by J3 Resources, Inc. (J3). Samples are analyzed according to the methods listed above and are subject to the inherent limitations of PLM and interference of matrix components. Reporting limit for the above method is a function of the quantity of sample analyzed, matrix interference, sample preparation, fiber size, and distribution. Asbestos may be detected in concentrations of <1% by area if sufficient material analyzed. J3 recommends TEM confirmation of soils, vermiculite and non-friable organically bound materials (NOB) reported as None Detected or < 1% Asbestos by PLM. All samples received in good condition unless otherwise noted. This report shall not be used to claim product approval, certification, or endorsement by NVLAP, NIST, or any agency of the federal government.

NVLAP Lab Code: 200525-0; AIHA Lab ID: 157714; TDSHS License: 30-0273

HOODS



resources, inc.

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J3 Resources, Inc. • 6110 West 34th Street • Houston, Texas 77092 • tel: 713/290-0221 • fax: 713/290-0248

^{*} Emergency TAT requires prior lab notification. All samples analyzed outside normal business hours are charged at Emergency rate.





Project Name/Number	3800 26#	Page _ 2_ of _ 2_
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SAMPLE NUMBER	LOCATION	VOLUME (If Applicable
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J3 Resources, Inc. • 6110 West 34th Street • Houston, Texas 77092 • tel: 713/290-0221 • fax: 713/290-0248

APPENDIX D LICENSE AND CERTIFICATION



TEXAS DEPARTMENT OF STATE HEALTH SERVICES

ENVIRONMENTAL CONSULTANT AND MANAGEMENT SERVICES

is certified to perform as a

Asbestos Consultant Agency

in the State of Texas within the purview of Texas Occupations Code, chapter 1954, so long as this license is not suspended or revoked and is renewed according to the rules adopted by the Texas Board of Health.

DAVID LAKEY, M.D. COMMISSIONER OF HEALTH

License Number: 100476

Control Number: 96664

Expiration Date: 1/11/2016

(Void After Expiration Date)

VOID IF ALTERED NON-TRANSFERABLE











United States Department of Commerce National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 200525-0

J3 Resources, Inc.

Houston, TX

is accredited by the National Voluntary Laboratory Accreditation Program for specific services, listed on the Scope of Accreditation, for:

BULK ASBESTOS FIBER ANALYSIS

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005.

This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).

2014-04-01 through 2015-03-31

Effective dates



For the National Institute of Standards of

For the National Institute of Standards and Technology

NVLAP-01C (REV. 2009-01-28)



TEXAS DEPARTMENT OF STATE HEALTH SERVICES

J3 RESOURCES INC

is certified to perform as a

Asbestos Laboratory PCM, PLM, TEM

in the State of Texas within the purview of Texas Occupations Code, chapter 1954, so long as this license is not suspended or revoked and is renewed according to the rules adopted by the Texas Board of Health.

DAVID LAKEY, M.D. COMMISSIONER OF HEALTH

License Number: 300273

Expiration Date: 3/15/2016

Control Number: 95940

(Void After Expiration Date)

VOID IF ALTERED

NON-TRANSFERABLE